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Management of the California State Water Project - Appendix D

Costs of Recreation and Fish and Wildlife Enhancement

GRAY DAVIS
Governor,
State of California

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California State
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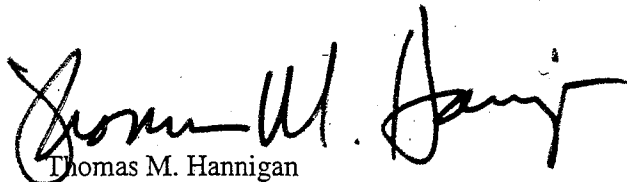
Foreword

The Davis-Dolwig Act (Sections 11900-11925 of the California Water Code) declares that providing for the enhancement of fish and wildlife and for recreation in connection with State water projects benefits all the people of California and that the costs attributable to such enhancement should be borne by them. The Act also provides a procedure through which the Department of Water Resources will be reimbursed for those project costs that are allocated to recreation and fish and wildlife enhancement and for costs of acquiring property for recreation development. The Department is to report such expenditures to the Legislature annually.

This appendix constitutes the Department's 1997 report to the Legislature in compliance with the above requirement. An increase of \$2,329,819 for recreation and fish and wildlife enhancement is reported herein. The increase consists of \$2,111,404 for joint capital costs of the State Water Project allocated to recreation and fish and wildlife enhancement and \$218,415 for specific recreation land costs. The increase is the result of costs incurred for the 1996 calendar year and additional disbursements for joint capital costs allocated to recreation and enhancement.

Prior to 1991, the Department received \$90,000,000 in reimbursements from the State's tideland oil and gas revenues, which were authorized specifically for costs of recreation and fish and wildlife enhancement (Public Resources Code Section 6217).

Since 1991, the Department has been reimbursed for costs reported in this appendix under the provisions of AB 1442. This legislation offsets moneys owed the California Water Fund by the State Water Project with reimbursements owed the project by the General Fund through June 30, 1988, for recreation and fish and wildlife enhancement costs in the amount of \$172,291,000. The offsetting obligation was repaid in 1997.



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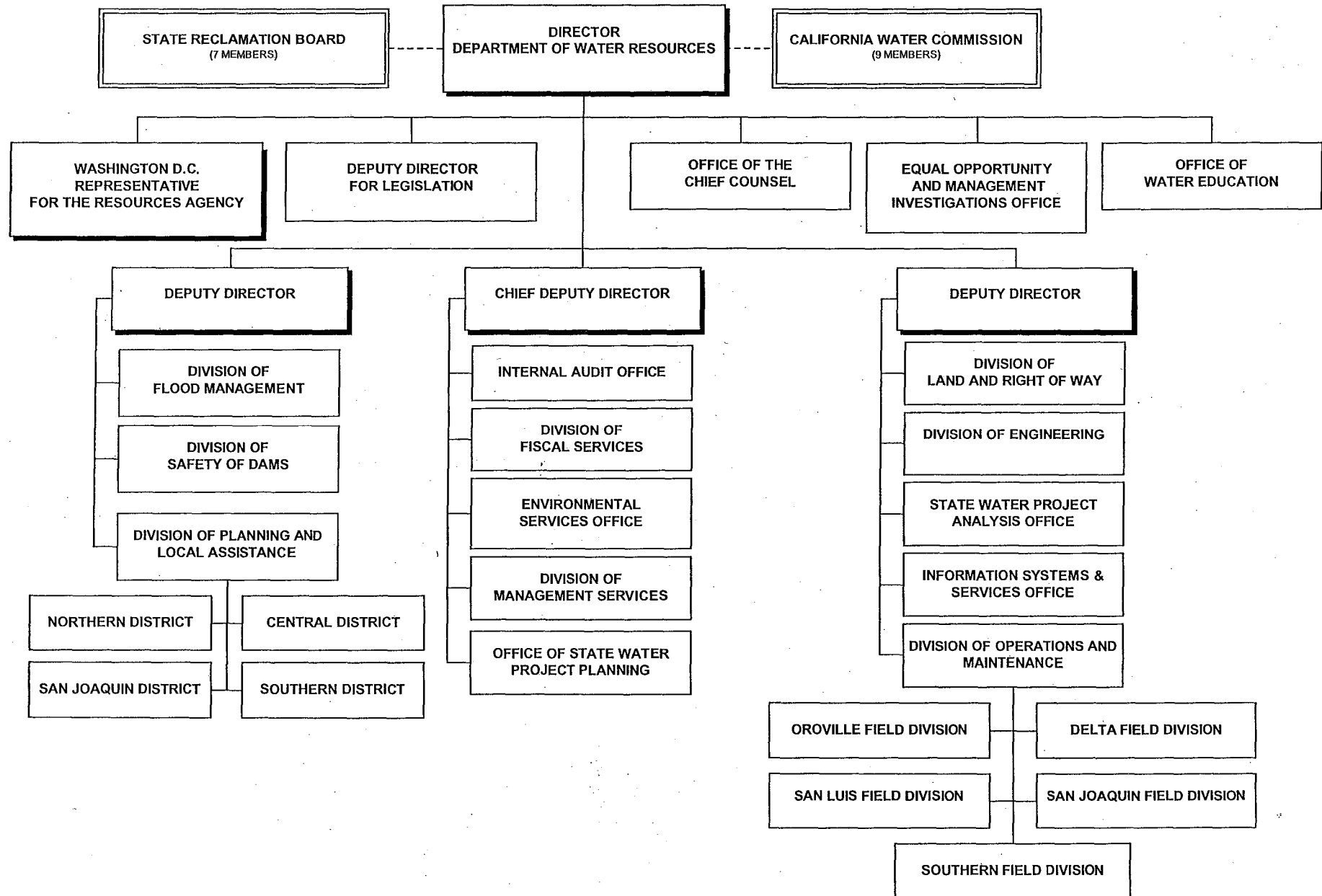
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ORGANIZATION OF THE DEPARTMENT OF WATER RESOURCES



Reporting of Recreation and Fish and Wildlife Enhancement Costs

Section 11912 of the California Water Code assigns to the Department of Water Resources the following responsibilities:

It shall be the duty of the Department to report annually to the Legislature the costs, if any, which the Department has allocated to recreation and fish and wildlife enhancement for each facility of any state water project. The Department shall also report to the Legislature any revisions which the Department makes in such allocations.

The Department shall submit each such cost allocation to the Department of Boating and Waterways, the Department of Parks and Recreation, and to the Department of Fish and Game. The Department of Boating and Waterways, the Department of Parks and Recreation, and the Department of Fish and Game shall file with the Department of Water Resources their written comments with respect to each such cost allocation, which written comments shall be included in the report required by this section.

It shall also be the duty of the Department to report to the Legislature on any expenditure of funds for acquiring rights of way, easements and property pursuant to Section 346 for recreation development associated with such facilities.

This appendix is the Department's 1997 report as required by Section 11912 of the California Water Code.

For brevity, "fish and wildlife enhancement" is hereafter referred to as "enhancement." The Department's cost allocations treat recreation and enhancement as one combined purpose of the State Water Project.

Report Organization

Capital costs of SWP facilities allocated by the Department to recreation and enhancement, through December 31, 1996, are shown in Table 1, pages 2 and 3. Table 1 also shows the expenditures for acquiring rights of way, easements, and property for recreation development associated with such facilities. Table 2, pages 8 and 9, details the accrued interest charges included in the costs shown in Table 1. Interest accruals terminated in 1988 and resumed in 1995 in compliance with the offset legislation. Table 2 also details reimbursements through December 31, 1996.

The notes to Table 1, pages 4 to 7, explain the Department's procedures for reporting recreation and enhancement costs, describe how the amounts shown in the table are calculated, and reconcile significant changes from costs shown in previous reports.

The costs shown in Table 1 do not reflect new or revised allocations for any facility of the SWP. The derivation of allocation percentages indicated for joint capital costs of those multipurpose facilities listed in the upper portion of Table 1 have been described in previous reports. Copies of those reports are available upon request to the Department.

A summary of allocation percentages is shown in a separate table, page 10, along with illustrative allocation percentages for facilities not yet reported.

Included at the end of this report are comments by the Department of Boating and Waterways, the Department of Parks and Recreation, and the Department of Fish and Game.

Table 1. Recreation and Enhancement

(Reported to the California Legislature in Response

(in

	1952-1983	1984	1985	1986	1987	1988	1989
	[1]	[2]	[3]	[4]	[5]	[6]	[7]
Joint Costs Allocated to							
Frenchman Dam and Lake (78.5%)							
California Water Resources Development Bond Fund	102,997	0	0	0	0	0	0
All Other Funds	2,661,160	2,489	39,556	4,700	1,724	2,875	406
Subtotal	2,764,157	2,489	39,556	4,700	1,724	2,875	406
Antelope Dam and Lake (100%)							
California Water Resources Development Bond Fund	1,036,428	0	0	0	0	0	0
All Other Funds	4,179,374	47,466	85,010	21,299	9,752	4,309	19,207
Subtotal	5,215,802	47,466	85,010	21,299	9,752	4,309	19,207
Grizzly Valley Dam and Lake, Davis (99.0%)							
California Water Resources Development Bond Fund	4,003,092	0	0	0	0	0	0
All Other Funds	1,024,706	21,533	8,250	14,853	125,952	1,130,720	96,805
Subtotal	5,027,798	21,533	8,250	14,853	125,952	1,130,720	96,805
San Luis Dam and Reservoir O'Neill Forebay and Los Banos Reservoir (3.4%)							
California Water Resources Development Bond Fund	1,945,230	(58,351)	(12,694)	(3,405)	(17,082)	(14,462)	(125,973)
All Other Funds	1,840,624	64,688	30,720	23,551	261,644	52,202	28,647
Subtotal	3,785,854	6,337	18,026	20,146	244,562	37,740	(97,326)
California Aqueduct Delta to Dos Amigos P.P. (3.4%)							
California Water Resources Development Bond Fund	4,467,667	0	0	0	0	0	0
All Other Funds	1,275,503	84,414	36,779	25,389	47,425	138,415	378,575
Subtotal	5,743,170	84,414	36,779	25,389	47,425	138,415	378,575
Oroville Division (2.9%)							
California Water Resources Development Bond Fund	5,725,234	(9)	0	0	0	(9)	0
All Other Funds	4,170,784	22,396	21,176	61,616	15,550	21,025	53,166
Subtotal	9,896,018	22,387	21,176	61,616	15,550	21,016	53,166
Del Valle Dam and Lake Del Valle (48.0%)							
California Water Resources Development Bond Fund	10,546,762	0	0	0	0	0	0
All Other Funds	2,504,493	165,408	44,649	17,768	40,674	37,946	19,421
Subtotal	13,051,255	165,408	44,649	17,768	40,674	37,946	19,421
California Aqueduct Dos Amigos P.P. to Termini (5.7%)							
California Water Resources Development Bond Fund	48,710,361	22,363	988	(3,132)	(20,136)	(27,155)	(9,682)
All Other Funds	39,062,736	1,446,755	803,256	521,268	385,229	461,704	1,342,753
Subtotal	87,773,097	1,469,118	804,244	518,136	365,093	434,549	1,333,071
TOTAL	133,257,151	1,819,152	1,057,690	683,907	650,732	1,807,570	1,803,325
Specific Costs of Acquiring							
Frenchman Dam and Lake							
California Water Resources Development Bond Fund	3,379	0	0	0	0	0	0
All Other Funds	49,947	0	0	0	0	0	0
Subtotal	53,326	0	0	0	0	0	0
Grizzly Valley Dam and Lake Davis							
California Water Resources Development Bond Fund	204,116	0	0	0	0	0	0
All Other Funds	596,331	(203,509)	1,216	19,984	9,185	38	19,037
Subtotal	800,447	(203,509)	1,216	19,984	9,185	38	19,037
Abbey Bridge Dam and Reservoir							
California Water Resources Development Bond Fund	9	0	0	0	0	0	0
All Other Funds	9,921	0	0	0	0	0	0
Subtotal	9,930	0	0	0	0	0	0
San Luis Dam and Reservoir O'Neill Forebay and Los Banos Reservoir							
California Water Resources Development Bond Fund	395,284	0	0	0	0	0	0
All Other Funds	267,533	40	817	44,032	43,422	40,029	19,605
Subtotal	662,817	40	817	44,032	43,422	40,029	19,605
California Aqueduct Delta to Dos Amigos P.P.							
California Water Resources Development Bond Fund	461,086	0	0	0	0	0	0
All Other Funds	245,333	(55,443)	(44,376)	(77,137)	(54,566)	(41,783)	(47,391)
Subtotal	706,419	(55,443)	(44,376)	(77,137)	(54,566)	(41,783)	(47,391)
Oroville Division							
California Water Resources Development Bond Fund	7,809,509	0	0	0	0	0	0
All Other Funds	504,739	174,752	879	1,779	12,113	(9,030)	590
Subtotal	8,314,248	174,752	879	1,779	12,113	(9,030)	590
Del Valle Dam and Lake Del Valle							
California Water Resources Development Bond Fund	519,425	0	0	0	0	0	0
All Other Funds	(35,052)	437	953	931	531	0	0
Subtotal	484,373	437	953	931	531	0	0
California Aqueduct Dos Amigos P.P. to Termini							
California Water Resources Development Bond Fund	478,971	0	0	0	0	0	0
All Other Funds	468,554	1,272	(5,007)	(5,658)	(6,401)	(7,309)	(47,102)
Subtotal	947,525	1,272	(5,007)	(5,658)	(6,401)	(7,309)	(47,102)
Castaic Dam and Lake							
California Water Resources Development Bond Fund	1,954,297	0	0	0	0	0	0
All Other Funds	947,234	510	564	0	0	1,139	772
Subtotal	2,901,531	510	564	0	0	1,139	772
Cedar Springs Dam and Silverwood Lake							
California Water Resources Development Bond Fund	424,966	0	0	0	0	0	0
All Other Funds	355,042	885	1,191	1,547	1,452	3,405	4,571
Subtotal	780,008	885	1,191	1,547	1,452	3,405	4,571
Perris Dam and Lake Perris							
California Water Resources Development Bond Fund	1,022,313	0	0	0	0	0	0
All Other Funds	4,939,979	0	0	0	0	0	0
Subtotal	5,962,292	0	0	0	0	0	0
TOTAL	21,622,916	(81,056)	(43,763)	(14,522)	5,736	(13,511)	(49,918)
Total Recreation and Enhancement Costs							
California Water Resources Development Bond Fund	89,811,126	(35,997)	(11,706)	(6,537)	(37,218)	(41,626)	(135,655)
All Other Funds	65,068,941	1,774,093	1,025,633	675,922	893,686	1,835,685	1,889,062
GRAND TOTAL	154,880,067	1,738,096	1,013,927	669,385	856,468	1,794,059	1,753,407

Costs of the State Water Project (a (b

to Water Code Section 11912)
dollars)

1990	1991	1992	1993	1994	1995	1996	TOTAL	INTEREST	TOTAL	PREVIOUS	INCREASE
[8]	[9]	[10]	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]
Recreation and Enhancement: (c											
0	0	0	0	0	0	0	102,997	2,049	105,046	105,046	0
2,522	1,223	507	860	1,450	368	6,601	2,726,441	0	2,726,441	2,719,644	6,797
2,522	1,223	507	860	1,450	368	6,601	2,829,438	2,049	2,831,487	2,824,690	6,797
0	0	0	404	0	0	0	1,036,832	111,964	1,148,796	1,148,751	45
31,819	35,398	42,198	10,646	2,160	464	8,782	4,497,884	0	4,497,884	4,488,538	9,346
31,819	35,398	42,198	11,050	2,160	464	8,782	5,534,716	111,964	5,646,680	5,637,289	9,391
0	0	0	0	0	0	0	4,003,092	475,623	4,478,715	4,478,715	0
2,148	137,030	3,182	1,395	2,101	403	13,039	2,582,117	0	2,582,117	2,568,823	13,294
2,148	137,030	3,182	1,395	2,101	403	13,039	6,585,209	475,623	7,060,832	7,047,538	13,294
(14,207)	(6,010)	(505)	(2,903)	(6,178)	(4,771)	(7,005)	1,671,684	317,037	1,988,721	1,997,039	(8,318)
31,576	256,495	(13,503)	53,282	95,458	54,346	37,494	2,817,224	0	2,817,224	2,779,386	37,838
17,369	250,485	(14,008)	50,379	89,280	49,575	30,489	4,488,908	317,037	4,805,945	4,776,425	29,520
0	0	0	0	0	0	0	4,467,667	873,367	5,341,034	5,341,034	0
814,757	722,491	343,963	153,187	71,106	97,096	53,843	4,242,943	0	4,242,943	4,220,151	22,792
814,757	722,491	343,963	153,187	71,106	97,096	53,843	8,710,610	873,367	9,583,977	9,561,185	22,792
0	0	0	0	0	0	0	5,725,216	1,743,462	7,468,678	7,468,678	0
50,797	42,460	26,795	53,688	29,695	24,874	28,053	4,622,075	0	4,622,075	4,596,805	25,270
50,797	42,460	26,795	53,688	29,695	24,874	28,053	10,347,291	1,743,462	12,090,753	12,065,483	25,270
0	0	0	0	0	0	0	10,546,762	6,593,052	17,139,814	17,139,814	0
67,512	38,699	66,556	64,208	61,807	37,336	15,931	3,182,408	0	3,182,408	3,178,168	4,240
67,512	38,699	66,556	64,208	61,807	37,336	15,931	13,729,170	6,593,052	20,322,222	20,317,982	4,240
(23,073)	(9,287)	(11,751)	1,825	10,430	8,132	11,814	48,661,697	72,705,173	121,366,870	121,352,844	14,026
794,926	995,861	1,940,394	2,101,362	1,401,781	1,612,513	2,011,877	54,882,415	0	54,882,415	52,896,341	1,986,074
771,853	986,574	1,928,643	2,103,187	1,412,211	1,620,645	2,023,691	103,544,112	72,705,173	176,249,285	174,249,185	2,000,100
1,758,777	2,214,360	2,397,836	2,437,954	1,669,810	1,830,761	2,180,429	155,769,454	82,821,727	238,591,181	236,479,777	2,111,404
Land for Recreation Development: (d											
0	0	0	0	0	0	0	3,379	154	3,533	3,533	0
0	0	0	0	0	0	0	49,947	0	49,947	49,947	0
0	0	0	0	0	0	0	53,326	154	53,480	53,480	0
0	0	(45)	404	0	0	0	204,475	17,173	221,648	221,648	0
27,712	33,578	41,265	9,407	0	0	0	554,244	0	554,244	554,244	0
27,712	33,578	41,220	9,811	0	0	0	758,719	17,173	775,892	775,892	0
0	0	0	0	0	0	0	9	0	9	9	0
0	0	0	0	0	0	0	9,921	0	9,921	9,921	0
0	0	0	0	0	0	0	9,930	0	9,930	9,930	0
0	0	0	0	0	0	0	395,284	32,717	428,001	428,001	0
132	0	0	0	0	0	0	415,610	0	415,610	415,610	0
132	0	0	0	0	0	0	810,894	32,717	843,611	843,611	0
0	0	0	0	0	0	0	461,086	154,605	615,691	615,691	0
(53,752)	(8,438)	0	0	59	0	0	(137,494)	0	(137,494)	(137,494)	0
(53,752)	(8,438)	0	0	59	0	0	323,592	154,605	478,197	478,197	0
0	0	0	0	0	0	0	7,809,509	3,561,234	11,370,743	11,370,743	0
(386)	(35,703)	0	0	0	0	0	649,733	0	649,733	649,733	0
(386)	(35,703)	0	0	0	0	0	8,459,242	3,561,234	12,020,476	12,020,476	0
0	0	0	0	0	0	0	519,425	435,835	955,260	955,260	0
0	0	0	0	0	0	0	(32,200)	0	(32,200)	(32,200)	0
0	0	0	0	0	0	0	487,225	435,835	923,060	923,060	0
0	0	0	0	0	0	0	478,971	885,137	1,364,108	1,364,108	0
0	0	0	0	0	0	0	398,349	0	398,349	398,349	0
0	0	0	0	0	0	0	877,320	885,137	1,762,457	1,762,457	0
0	0	0	0	0	0	0	1,954,297	3,728,472	5,682,769	5,682,769	0
851	1,255	0	0	0	0	0	952,325	0	952,325	952,325	0
851	1,255	0	0	0	0	0	2,906,622	3,728,472	6,635,094	6,635,094	0
0	0	0	0	0	0	0	424,966	913,428	1,338,394	1,275,256	63,138
2,044	49	0	0	0	0	0	370,186	0	370,186	370,186	0
2,044	49	0	0	0	0	0	795,152	913,428	1,708,580	1,645,442	63,138
0	0	0	0	0	0	0	1,022,313	2,269,225	3,291,538	3,136,261	155,277
0	0	0	0	0	0	0	4,939,979	0	4,939,979	4,939,979	0
0	0	0	0	0	0	0	5,962,292	2,269,225	8,231,517	8,076,240	155,277
(23,399)	(9,259)	41,220	9,811	59	0	0	21,444,314	11,997,980	33,442,294	33,223,879	218,415
(37,280)	(15,297)	(12,301)	(270)	4,252	3,361	4,809	89,489,661	94,819,707	184,309,368	184,085,200	224,168
1,772,658	2,220,398	2,451,357	2,448,035	1,665,617	1,827,400	2,175,620	87,724,107	0	87,724,107	85,618,456	2,105,651
1,735,378	2,205,101	2,439,056	2,447,765	1,669,869	1,830,761	2,180,429	177,213,768	(e)	272,033,475	269,703,656	2,329,819

Notes to Table 1, Pages 2 and 3

- a) AB 1442 (Statutes of 1989, Chapter 716) cancels (1) specified obligations of the General Fund to reimburse the SWP in the amount of \$172,291,000 for fish and wildlife enhancement and recreation, and (2) the obligation of the project to reimburse the California Water Fund in an equal amount. AB 1442 also provides for automatic offset, upon approval by the Legislature, of future Davis-Dolwig expenditures against the remaining SWP debt to the California Water Fund.
- b) Recreation and enhancement costs refer only to (1) multipurpose facility capital costs allocated to recreation, and (2) the capital costs of lands acquired for associated recreation development. These costs are budgeted by the Department from funds that are available for financing project construction costs.

Recreation and enhancement costs not reported in Table 1 are budgeted by several State departments. These costs, financed by appropriations from a variety of funds, are summarized in the table below.

Allocated operation, maintenance, power, and replacement costs of multipurpose facilities are budgeted by the Department and financed by annual appropriations from the State General Fund. Capital costs (other than land acquisition costs), along with OMP&R costs of recreation facilities, are budgeted by the Department of Parks and Recreation. However, the costs of constructing boating facilities are budgeted by the Department of Boating and Waterways, and the costs of enhancement developments are budgeted by the Department of Fish and Game.

Type of Recreation and Enhancement Costs

Type of Recreation and Enhancement Costs Not Reported in Table 1	General Fund Appropriations, Unless Otherwise Noted		
	1997-1998 ^a	1996-1997 ^b	Total ^c 1962-63 through 1997-1998
Allocated operation, maintenance, power, and replacement costs of multipurpose facilities	0 ^d	0 ^d	17,291,000
Capital costs of recreation developments	5,101,941	1,977,618	114,860,065 ^{e f}
Operation, maintenance, and replacement costs of recreation developments	11,694,688	10,776,569	182,108,370 ^g
^a Amount in Governor's budget. ^b 1996-1997 budgeted amount. ^c Actual through 1995-1996 plus ^a and ^b . ^d No SWP operation and maintenance costs appropriated. ^e Amounts from State recreation bond funds and other State and federal recreation funds. ^f Includes \$1,236,000 from the Harbors and Watercraft Revolving Fund (boating facility construction costs are budgeted by the Department of Boating and Waterways) and \$200,000 directly from the Highway Users Tax. ^g Operation, maintenance, and replacement costs are budgeted by the Department of Parks and Recreation; boating facility costs are budgeted by the Department of Boating and Waterways; and enhancement costs are budgeted by the Department of Fish and Game.			

c) Joint capital costs allocated to recreation and enhancement are based on the Department's derivation, for each multipurpose facility, of the percentages of the total joint costs attributable to each included purpose. These derivations are based on the application of conventional cost allocation methods that weigh the estimated costs to be incurred and the benefits to be realized during a 50-year period of analysis. Allocated costs reflect the application of these percentages to the actual capital costs incurred for each facility, as accounted by the Department. Costs allocated to recreation and enhancement generally are first reported in the year after that year when construction of a facility is completed. Those costs may be subsequently changed either by adjusting accounted capital costs or by revising allocation percentages.

d) Specific costs of acquiring land for recreation development are incurred by the Department under the authority of California Water Code Section 346. The Department purchases recreation land concurrently with other lands needed for multipurpose facilities to (1) decrease the total land costs of the project, and (2) acquire property in an orderly manner. Recreation lands acquired for each project facility through September 30, 1996, are shown in the table below.

The Department reports the annual expenditure of Project funds for acquiring all recreation land in the year following the expenditure. The costs of such lands generally are established when acquired and are not affected by the allocation percentages for the associated multipurpose Project facility. However,

Summary of Recreation Land Acquisition (in acres) ^a

Project Facility	Acquired ^b	Federal Lands ^c	Total
Frenchman Lake	719	0	719
Antelope Lake	1,361	0	1,361
Lake Davis	733	0	733
San Luis Reservoir and O'Neill Forebay	2,518	0	2,518
Oroville Division	3,534	212	3,746
Lake Del Valle	1,206	0	1,206
California Aqueduct (excluding reservoirs)	1,639	0	1,639
Castaic Lake	1,733	577	2,310
Silverwood Lake	305	0	305
Lake Perris	<u>4,127</u>	<u>0</u>	<u>4,127</u>
Total	17,875	789	18,664

^a Includes recreation lands for only those projects with an established recreation land use and acquisition plan.

^b Costs of acquiring these lands are shown in Table 1; additional land needs are to be identified by future studies.

^c These lands are being leased from the federal government at a nominal cost to the State.

the reported costs of certain lands may be subsequently revised due to (1) receipt of certain revenues (such as federal grants and income from rights of way sales), or (2) modification of the recreation land use plan.

The amounts to be reported in future years will include credits for any reduction in previously reported costs, together with interest income thereon. If recreation land is reclassified as multipurpose project land, the original purchase price, together with appropriate interest income, will be reported as a negative expenditure for specific land costs, and an appropriate amount will be added to joint capital costs allocated to recreation and enhancement for the associated facility.

The costs of acquiring recreation land also include the salaries of Department personnel engaged in recreation land acquisition activities, together with indirect costs distributed on the basis of direct salaries.

- e) Interest accruals are calculated as shown in Table 2, pages 8 and 9. Interest charges are accrued through December 31, 1996 only on the portion of annual disbursements financed by the California Water Resources Development Bond Fund. Calculations are based on the weighted average interest costs of Burns-Porter and Water System Revenue bonds sold to date (4.951 percent for the bonds outstanding on December 31, 1996).

The Department has sold Water System Revenue Bonds to finance additional multipurpose facilities. Interest accruals reported in Table 2 include a

portion of the interest costs of these revenue bonds. This rate differs from the "Project Interest Rate" under SWP water supply contracts in that interest costs on power revenue bond sales are not included.

Through fiscal year 1987-88, a total of \$90 million had been reimbursed to the Department from the State's tideland oil and gas revenues, authorized by California Statutes of 1966, First Extraordinary Session, Chapter 27.

AB 1442, the "Offset Legislation" enacted in September 1989, was effective January 1, 1990. Under the Offset Legislation, interest accruals on California Water Resources Development Bond Fund expenditures were terminated on June 30, 1988, and resumed on June 30, 1995. This legislation provides for a lump sum reimbursement to the Department for recreation and wildlife enhancement expenditures through June 30, 1988, and offsets moneys owed the California Water Fund by the SWP in the amount of \$172,291,000. Of this amount, \$155,087,000 is for capital expenditures reported herein, and \$17,204,000 for operating costs. AB1442 also provides for continued reimbursement of annual expenditures subsequent to June 30, 1988 with approval by the Legislature of the Department's cost allocations. The offsetting obligation was repaid in 1997.

- f) Costs previously reported are as shown in Table 1, pages 2 and 3, of Appendix D to Bulletin 132-96. Such costs were based on the Department's accounting records as of December 31, 1996.

g) Reasons for cost changes are outlined below:

- Funding incurred in financing additional multipurpose facilities: \$ 219,000
- Additional disbursements during 1996 for joint capital costs allocated to recreation and enhancement: 2,180,000
- Prior year expenditures processed in 1996: 23,000
- Variance and indirect costs: (32,000)
- Correction of invoices erroneously posted in 1995: 10,000

- Operations and maintenance updates: (36,000)
- Adjustments to 1995 parcel postings: 1,000
- Adjustments of 1995 abatements of expenditures: 1,000
- Adjustments to pro-consult expenditure: (39,000)
- Adjustments to claim schedule expenditures: 2,000

Total Change **\$2,329,000**

Table 2. Calculation of Interest Accruals on California Water

(in dollars @

Year	Item	Joint Capital Costs Allocated to Recreation and Enhancement								Total
		Frenchman Dam and Lake	Antelope Dam and Lake	Grizzly Valley Dam and Lake Davis	Siskiyew Dam, San Luis Res. O'Neill Forebay, & Los Banos Reservoir	California Aqueduct Delta to Dos Amigos P.P.	Oroville Division	Del Valle Dam and Lake Del Valle	California Aqueduct Dos Amigos P.P. to Termini	
		[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
1952-1992 Disbursements:										
1. California Water Resources Development Bond Fund		102,997	1,036,428	4,003,092	1,692,541	4,467,667	5,725,216	10,546,762	48,629,496	76,204,199
2. All Other Funds		2,717,162	4,475,832	2,565,179	2,576,644	3,857,711	4,485,765	3,003,126	47,754,882	71,446,301
Reimbursements:										
1. California Water Resources Development Bond Fund		104,900	1,140,322	4,444,594	1,986,900	5,267,351	7,324,529	16,463,934	113,072,842	149,805,372
2. All Other Funds		2,717,162	4,475,366	2,565,179	2,577,357	3,868,892	4,486,983	3,004,431	46,841,101	70,336,471
Interest Accruals		2,049	111,964	475,623	317,570	873,367	1,743,462	6,593,052	72,704,267	82,821,354
1993 Beginning of Year Balance to be Reimbursed:										
1. California Water Resources Development Bond Fund		0	0	0	0	0	0	0	0	0
2. All Other Funds		0	0	0	0	0	0	0	1,109,813	1,109,813
Disbursements During Year:										
1. California Water Resources Development Bond Fund		0	404	0	(2,903)	0	0	0	1,825	(674)
2. All Other Funds		860	10,646	1,355	53,282	153,187	53,688	64,208	2,101,362	2,439,628
Reimbursements per Offset Legislation - AB 1442 /1										
1. California Water Resources Development Bond Fund		0	404	0	(2,903)	0	0	0	1,825	(674)
2. All Other Funds		860	10,646	1,355	53,282	153,187	53,688	64,208	1,398,604	1,735,870
End-of-Year Balance:										
1. California Water Resources Development Bond Fund		0	0	0	0	0	0	0	0	0
2. All Other Funds		0	0	0	0	0	0	0	1,812,571	1,812,571
Interest Accruals on Average Balance		0	0	0	0	0	0	0	0	0
1994 Beginning of Year Balance to be Reimbursed:										
1. California Water Resources Development Bond Fund		0	0	0	0	0	0	0	0	0
2. All Other Funds		0	0	0	0	0	0	0	1,812,571	1,812,571
Disbursements During Year:										
1. California Water Resources Development Bond Fund		0	0	0	(6,178)	0	0	0	10,430	4,252
2. All Other Funds		1,450	2,160	2,101	95,458	71,106	29,695	61,807	1,401,781	1,665,558
Reimbursements per Offset Legislation - AB 1442 /1										
1. California Water Resources Development Bond Fund		0	0	0	(6,178)	0	0	0	10,430	4,252
2. All Other Funds		1,450	2,160	2,101	95,458	71,106	29,695	61,807	1,270,540	1,534,317
End-of-Year Balance:										
1. California Water Resources Development Bond Fund		0	0	0	0	0	0	0	0	0
2. All Other Funds		0	0	0	0	0	0	0	1,943,812	1,943,812
Interest Accruals on Average Balance		0	0	0	0	0	0	0	0	0
1995 Beginning of Year Balance to be Reimbursed:										
1. California Water Resources Development Bond Fund		0	0	0	0	0	0	0	0	0
2. All Other Funds		0	0	0	0	0	0	0	1,943,812	1,943,812
Disbursements During Year:										
1. California Water Resources Development Bond Fund		0	0	0	(4,771)	0	0	0	8,132	3,361
2. All Other Funds		368	464	403	54,346	97,096	24,874	37,336	1,612,513	1,827,400
Reimbursements per Offset Legislation - AB 1442 /1										
1. California Water Resources Development Bond Fund		0	0	0	0	0	0	0	0	0
2. All Other Funds		0	0	0	0	0	0	0	0	0
End-of-Year Balance:										
1. California Water Resources Development Bond Fund		0	0	0	(4,771)	0	0	0	8,132	3,361
2. All Other Funds		368	464	403	54,346	97,096	24,874	37,336	3,556,325	3,771,212
Interest Accruals on Average Balance		0	0	0	(118)	0	0	0	201	83
1996 Beginning of Year Balance to be Reimbursed:										
1. California Water Resources Development Bond Fund		0	0	0	(4,889)	0	0	0	8,333	3,444
2. All Other Funds		368	464	403	54,346	97,096	24,874	37,336	3,556,325	3,771,212
Disbursements During Year:										
1. California Water Resources Development Bond Fund		0	0	0	(7,005)	0	0	0	11,814	4,809
2. All Other Funds		6,601	8,782	13,039	37,494	53,843	28,053	15,931	2,011,877	2,175,620
Reimbursements per Offset Legislation - AB 1442 /1										
1. California Water Resources Development Bond Fund		0	0	0	0	0	0	0	0	0
2. All Other Funds		0	0	0	0	0	0	0	0	0
End-of-Year Balance:										
1. California Water Resources Development Bond Fund		0	0	0	(11,894)	0	0	0	20,147	8,253
2. All Other Funds		6,969	9,246	13,442	91,840	150,939	52,927	53,267	5,568,202	5,946,832
Interest Accruals on Average Balance		0	0	0	(415)	0	0	0	705	290
1997 Beginning of Year Balance to be Reimbursed:										
1. California Water Resources Development Bond Fund		0	0	0	(12,310)	0	0	0	20,882	8,543
2. All Other Funds		6,969	9,246	13,442	91,840	150,939	52,927	53,267	5,568,202	5,946,832
TOTAL		6,969	9,246	13,442	79,530	150,939	52,927	53,267	5,589,084	5,955,375
Disbursements:										
1. California Water Resources Development Bond Fund		102,997	1,036,832	4,003,092	1,671,684	4,467,667	5,725,216	10,546,762	48,661,697	76,215,947
2. All Other Funds		2,726,441	4,497,894	2,582,117	2,817,224	4,242,943	4,622,075	3,182,408	54,882,415	79,553,507
TOTAL		2,829,438	5,534,716	6,585,209	4,488,908	8,710,610	10,347,291	13,729,170	103,544,112	155,769,454
Reimbursements:										
1. California Water Resources Development Bond Fund		104,900	1,140,726	4,444,594	1,977,819	5,267,351	7,324,529	16,463,934	113,085,097	149,808,950
2. All Other Funds		2,719,472	4,488,172	2,568,675	2,723,097	4,093,185	4,570,366	3,130,446	49,310,245	73,606,658
TOTAL		2,824,372	5,628,898	7,013,269	4,700,916	9,360,536	11,894,895	19,594,380	162,395,342	223,415,608
TOTAL INTEREST ACCRUALS 1952 THROUGH 1997		2,049	111,964	475,623	317,036	873,367	1,743,462	6,593,052	72,705,173	82,821,727

1/ AB 1442, the "Offset Legislation," in part, added Section 12929.13 to the California Water Code. Section 7(c) of Section 12929.13 provides \$155,087,000 for unreimbursed expenditures incurred through June 30, 1988. AB 1442 also provides for continued offset of subsequent years' expenditures in amended Section 11913(b). Subsequent offsets are: July 1, 1988 - December 31, 1990, \$3,282,551; January 1, 1991 - December 31, 1991, \$1,716,672; January 1, 1992 - December 31, 1992, \$1,816,834; January 1, 1993 - December 31, 1993, \$1,745,007; and, January 1, 1994 - December 31, 1994, \$1,538,828. Although this appendix covers 1996, the offsetting obligation was repaid in 1997.

4.951% per annum)

9

Summary of Allocation Percentages

Each year the Department determines water contractor charges for the SWP based on allocations of costs among purposes of facilities used for more than a single purpose. These determinations are based on

the percentages previously reported to and approved by the Legislature, as well as preliminary estimates for facilities not yet reported. These percentages are summarized in the following table:

Summary of Allocation Percentages

Facilities of the State Water Project	Capital Costs of Features Jointly Used (in percent of joint costs of the respective facilities)			
	Reimbursable Purposes	Nonreimbursable Purposes		Total
	Water Supply and Power Generation	Flood Control	Recreation and Fish and Wildlife Enhancement	
Project Conservation Facilities				
Frenchman Dam and Lake	21.5	0	78.5	100.0
Antelope Dam and Lake	0	0	100.0	100.0
Grizzly Valley Dam and Lake Davis	1.0	0	99.0	100.0
Oroville Division ^a	97.1	0	2.9	100.0
California Aqueduct, Delta to Dos Amigos Pumping Plant	96.6	0	3.4	100.0
Delta Facilities ^b	86.0	0	14.0	100.0
Project Transportation Facilities				
Grizzly Valley Pipeline	100.0	0	0	100.0
North Bay Aqueduct	100.0	0	0	100.0
South Bay Aqueduct:				
Del Valle Dam and Lake Del Valle	25.2	26.8	48.0	100.0
Remainder of South Bay Aqueduct	100.0	0	0	100.0
California Aqueduct, Delta to Dos Amigos Pumping Plant	96.6			
California Aqueduct, Dos Amigos Pumping Plant to Termini excluding the Coastal Branch		0	3.4	100.0
Coastal Branch	94.3	0	5.7	100.0
Coastal Branch	100.0	0	0	100.0
^a Percentages are applicable to Capital Costs of Features Jointly Used, minus Federal Flood Control Payments. ^b Illustrative percentages only, assumed for current project financial and repayment analyses. Note: Percentages shown are those applicable to the costs of the facilities as accounted by the State, or in the case of Federal-State joint-use facilities (San Luis Facilities), only the State's share of the total cost.				

Comments by
The Department of Boating and Waterways
The Department of Parks and Recreation
and
The Department of Fish and Game

Memorandum

Date : November 16, 1999

To : Donald R. Long, Chief
State Water Project Analysis Office
Department of Water Resources
1416 Ninth Street, Room 1620
P.O. Box 942836
Sacramento, California 94236-0001

From : Department of Boating and Waterways
2000 Evergreen Street, Suite 100
Sacramento, California 95815-3888

Subject : Appendix D, "Costs of Recreation and Fish and Wildlife Enhancement," to Bulletin 132-97

In accordance with Section 11912 of the California Water Code, the Department of Boating and Waterways (Department) has reviewed a draft of Appendix D to Bulletin 132-97 and has no comment.

If you have any questions, please contact Ivar Plescov, Supervisor of the Department's Capital Outlay Program, at (916) 263-0358.



Carlton D. Moore
Interim Director
(916) 263-4327

Memorandum

Date : DEC 9 1999

To : Donald R. Long, Chief
State Water Project Analysis Office
Department of Water Resources
1416 Ninth Street, Room 1620
Post Office Box 942836
Sacramento, CA 94236-0001

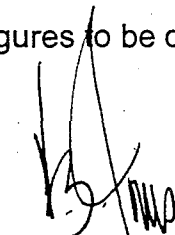
From : Department of Parks and Recreation
Director's Office

Subject : Cost Allocations to Recreation and Fish and Wildlife Enhancement, State Water Project

The Department of Parks and Recreation (DPR) has received the draft to Appendix D, "Costs of Recreation and Fish and Wildlife Enhancement", to your Bulletin 132-97, "Management of the California State Water Project".

The DPR in accordance with California Water Code Section 11912 has reviewed the draft of the report and concludes that since the report contains data from other departments, it would be difficult to verify our cost allocations.

The DPR will assume the figures to be correct and has no further comments.



Kenneth B. Jones
Chief Deputy Director
Park Stewardship

Memorandum

To: Mr. Dan Flory, Acting Chief
State Water Project Analysis Office
Department of Water Resources
1416 Ninth Street, Room 1620
Sacramento, California 95814

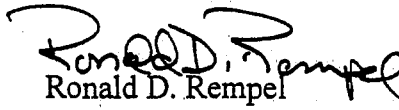
Date: February 28, 2000

From : Department of Fish and Game

Subject : Comments to Draft Bulletins 132-97 and 132-98, Appendix D

The Department of Fish and Game has reviewed the draft Appendix D to Bulletins 132-97 and 132-98, "Costs of Recreation and Fish and Wildlife Enhancement", as requested in your November 1, and November 29, 1999 memorandums, and finds that we have no comments.

If you have any questions, please contact Mr. Paul Forsberg, Environmental Specialist, Department of Fish and Game, 1416 Ninth Street, Room 1306-3, Sacramento, California 95814, telephone (916) 653-1090.


Ronald D. Rempel
Deputy Director

cc: Mr. Paul Forsberg
Department of Fish and Game
Sacramento

